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NEWS 3	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 4	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS 5	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 6	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 7	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS 8	FEB 10	COMPENDEX reloaded and enhanced
NEWS 9	FEB 11	WTEXTILES reloaded and enhanced
NEWS 10	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS 11	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 12	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 13	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 14	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 15	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 16	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 17	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS 18	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS 19	MAR 11	ESBIOBASE reloaded and enhanced
NEWS 20	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS 21	MAR 23	CA/CAplus enhanced with more than 250,000 patent equivalents from China
NEWS 22	MAR 30	IMSPATENTS reloaded and enhanced
NEWS 23	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS 24	APR 07	STN is raising the limits on saved answers
NEWS 25	APR 24	CA/CAplus now has more comprehensive patent assignee

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                    information
 NEWS 26  APR 26  USPATFULL and USPAT2 enhanced with patent
                  assignment/reassignment information
 NEWS 27  APR 28  CAS patent authority coverage expanded
 NEWS 28  APR 28  ENCOMPLIT/ENCOMPLIT2 search fields enhanced
 NEWS 29  APR 28  Limits doubled for structure searching in CAS
                  REGISTRY

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FILE COVERS 1907 - 28 Apr 2009  VOL 150 ISS 18
FILE LAST UPDATED: 27 Apr 2009  (20090427/ED)

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=> s prepar? (bisphenol (w) a)
MISSING OPERATOR 'PREPAR? (BISPHENOL'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s prepare? (s) (bisphenol (w) a)
        148790 PREPARE?
        147140 PREP
          2499 PREPS
        149408 PREP
                 (PREP OR PREPS)
       2266330 PREPD
             3 PREPDS
       2266332 PREPD
                 (PREPD OR PREPDS)
       2459863 PREPARE?
                 (PREPARE? OR PREP OR PREPD)
         81242 BISPHENOL
          5064 BISPHENOLS
         82769 BISPHENOL
                 (BISPHENOL OR BISPHENOLS)
      23280567 A
L1        8851 PREPARE? (S) (BISPHENOL (W) A)

=> s l1 (L) rectification
         19023 RECTIFICATION
           116 RECTIFICATIONS
         19090 RECTIFICATION
                 (RECTIFICATION OR RECTIFICATIONS)
L2           2 L1 (L) RECTIFICATION

=> d l2 1-2 ibib abs

L2   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2005:41403  CAPLUS
DOCUMENT NUMBER:         142:375820
TITLE:                   New sideline extraction process for catalytic
                         rectification
INVENTOR(S):             Qiu, Zhaorong; Wang, Cheli; Cheng, Minlian; Ye, Qing;
                         Yang, Jihe
PATENT ASSIGNEE(S):      China Petrochemical Co., Ltd., Peop. Rep. China;
                         Jiangsu Petrochemical College
SOURCE:                  Faming Zhuanli Shenqing Gongkai Shuomingshu, 25 pp.
                         CODEN: CNXXEV
DOCUMENT TYPE:           Patent
LANGUAGE:                Chinese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
     CN 1478577           A     20040303    CN 2002-142233         20020827
```

CN 1247289 C 20060329
PRIORITY APPLN. INFO.: CN 2002-142233 20020827
AB The sideline extraction method for drawing the product and/or byproduct out during catalytic rectification by mounting an extractor mounted on the middle of the reaction region of the catalytic rectification tower is presented. The systems used include a solid-liquid system, a liquid-liquid system or its layered alternative, or a liquid-gas system. The liquid in the solid-liquid system may be separated by gravity separation method or filtration and fed back to the reaction region. The liquid-liquid system may be separated by membrane filtration, rectification, extraction, adsorption, absorption, gas stripping, etc., and one kind of liquid in the liquid-liquid system may be fed back to the reaction region, while the layered liquid- liquid system may be separated by gravity separation The extractor for the liquid-liquid system is an internal liquid separator and an external liquid separator. An internal cooling separator is mounted in the top of the catalytic rectification tower, and used to cool and sep. the gas phase in the rectification tower. The method may be used in esterification, transesterification, saponification, hydrolysis, alkylation, isomerization, amination, oxidation, etherification, etc. Tri-Bu citrate, isobutylene, and bisphenol A were prepared by using the sideline extraction process.

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1988:168545 CAPLUS
DOCUMENT NUMBER: 108:168545
ORIGINAL REFERENCE NO.: 108:27719a,27722a
TITLE: Process for producing polycarbonates which do not cause corrosion during molding
INVENTOR(S): Koga, Shinichiro; Matsuno, Akira; Sakata, Katsuyuki; Otani, Yoshiaki; Akihara, Isao
PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 251586	A2	19880107	EP 1987-305423	19870618
EP 251586	A3	19890125		
EP 251586	B1	19920429		
R: DE, IT, NL				
JP 62297320	A	19871224	JP 1986-142164	19860618
JP 06076482	B	19940928		
JP 62297321	A	19871224	JP 1986-142165	19860618
JP 06076483	B	19940928		
JP 63090536	A	19880421	JP 1986-235829	19861003
JP 03020132	B	19910318		
BR 8703052	A	19880308	BR 1987-3052	19870617
US 4839458	A	19890613	US 1987-63001	19870617

PRIORITY APPLN. INFO.: JP 1986-142164 A 19860618
JP 1986-142165 A 19860618
JP 1986-235829 A 19861003
AB Polycarbonates, which have reduced CCl4 (I), which, upon molding, do not

yellow or cause mold die corrosion are prepared by polymerizing a hydroxydiaryl compound, COCl2, and, optionally, a diamine compound or an acid chloride in a CH2Cl2 solvent, where the concentration of I present in the COCl2 and CH2Cl2 satisfies the equation A + 5B < 200 [A = I concentration (ppm) in COCl2; B = I concentration (ppm) in CH2Cl2]. COCl2 (containing 500 ppm I) was purified by rectification in a Widmer rectification pipe at column temperature 8° and reflux ratio 1:1, producing COCl2 containing 5 ppm I. A polycarbonate was prepared by treating a solution containing 15.3 L H2O, 1.03 kg NaOH, 3.0 g Na hydrosulfite, and 2790 g bisphenol A, into which 3.1 L of an aqueous 10 wt/volume % NaOH solution and 7.65 L CH2Cl2 (containing 5 ppm I) were added, and 1.38 kg purified COCl2 were blown in under stirring for 60 min, followed by addition of 66.7 g 4-tert-BuC6H4OH and 3.1 g Et3N. The mixture was stirred for 1 h during which polymerization took place. The organic layer was washed with H2O, neutralized with 3.0 L 10% H3PO4, washed with H2O three times, and heated to distill off CH2Cl2, producing a powdery polycarbonate which, after drying and pelletization had yellowness index 6. After molding 200 sheets from the pellets (using carbon steel molding dies; 300°) no molding die corrosion was observed

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     FILE 'CAPLUS' ENTERED AT 15:20:03 ON 28 APR 2009
L1         8851 S PREPARE? (S) (BISPHENOL (W) A)
L2            2 S L1 (L) RECTIFICATION

=> s l1 (l) (recycle (s) effluent)
          33193 RECYCLE
           2160 RECYCLES
          34963 RECYCLE
                  (RECYCLE OR RECYCLES)
          98794 EFFLUENT
          51189 EFFLUENTS
         132938 EFFLUENT
                  (EFFLUENT OR EFFLUENTS)
L3            0 L1 (L) (RECYCLE (S) EFFLUENT)

=> s l1 and (recycle (s) byproduct)
          33193 RECYCLE
           2160 RECYCLES
          34963 RECYCLE
                  (RECYCLE OR RECYCLES)
          40520 BYPRODUCT
          33749 BYPRODUCTS
          67357 BYPRODUCT
                  (BYPRODUCT OR BYPRODUCTS)
            339 RECYCLE (S) BYPRODUCT
L4            1 L1 AND (RECYCLE (S) BYPRODUCT)

=> d l4 ibib abs

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2001:355038  CAPLUS
DOCUMENT NUMBER:         134:340822
```

TITLE: Preparation and crystallization process for the manufacture of high-purity bisphenol A
INVENTOR(S): Heydenreich, Frieder; Prein, Michael; Boediger, Michael; Neumann, Rainer
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 6 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19954786	A1	20010517	DE 1999-19954786	19991115
WO 2001036358	A1	20010525	WO 2000-EP10827	20001103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001010277	A	20010530	AU 2001-10277	20001103
BR 2000015555	A	20020709	BR 2000-15555	20001103
EP 1232134	A1	20020821	EP 2000-971412	20001103
EP 1232134	B1	20040922		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003523950	T	20030812	JP 2001-538314	20001103
AT 276990	T	20041015	AT 2000-971412	20001103
CN 1189438	C	20050216	CN 2000-815651	20001103
ES 2228621	T3	20050416	ES 2000-971412	20001103
TW 226323	B	20050111	TW 2000-89123660	20001109
IN 2002MN00520	A	20060505	IN 2002-MN520	20020422
MX 2002004812	A	20030128	MX 2002-4812	20020514
US 6710211	B1	20040323	US 2002-129944	20020826

PRIORITY APPLN. INFO.: DE 1999-19954786 A 19991115
WO 2000-EP10827 W 20001103

AB Highly pure bisphenol A, prepared by the condensation of phenol with acetone in the presence of an acidic sulfonated polystyrene resin cation exchanger catalyst, is purified by: (A) a primary crystallization in the form of a continuous or discontinuous layer crystn; (B) subjecting it to an optional distillation or crystallization; and (C) removing water, acetone, and phenol from the byproduct stream for recycle to the initial reactor. A process flow diagram is presented.

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     FILE 'CAPLUS' ENTERED AT 15:20:03 ON 28 APR 2009
L1          8851 S PREPARE? (S) (BISPHENOL (W) A)
L2             2 S L1 (L) RECTIFICATION
L3             0 S L1 (L) (RECYCLE (S) EFFLUENT)
L4             1 S L1 AND (RECYCLE (S) BYPRODUCT)

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